

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application

Please cancel Claims 9-10 and 24 without any prejudice or disclaimer.

IN THE CLAIMS:

1-4 (Cancelled)

5. (Previously Presented) A method for producing an antibody to the N-terminal portion of (1-84) PTH useful in the determination of intact PTH 1-84 levels in a biological sample, the method comprising the steps:

a) administering a first peptide antigen to a host animal to induce antibody production against said first peptide antigen in said host animal, said first peptide antigen being selected from the group consisting of SEQ ID NO. 3, SEQ ID NO. 4, SEQ ID NO. 5, SEQ ID NO. 6, (1-34) PTH and (1-84) PTH;

b) monitoring antibody titer produced by said administration of said at least one antigen to said host animal;

c) extracting antisera produced in said host animal by said administration of said at least one peptide antigen; and

d) isolating and selecting at least one antibody from said antisera extracted in step c) by affinity chromatography utilizing a second peptide antigen selected from the group consisting of SEQ ID NO. 3, SEQ ID NO. 4, SEQ ID NO. 5, and SEQ ID NO. 6.

6. (Cancelled)

7. (Previously Presented) The method of Claim 5 wherein in step a), said host animal is selected from the group consisting of a mouse and a rabbit.

8. (Previously Presented) The method of Claim 5 wherein in step a), said host animal comprises at least one goat.

9-14 (Cancelled)

15. (Previously Presented) The method of Claim 5 wherein in step a), said (1-34) PTH is derived from a species selected from the group consisting of a human, a rat, a mouse, a bovine, a dog, and a pig.

16. (Previously Presented) The method of Claim 5 wherein in step a), said first peptide antigen has a carrier protein coupled therewith.

17. (Previously Presented) The method of Claim 5 wherein in step a), said (1-84) PTH is from a species selected from the group consisting of a human, a rat, a mouse, a bovine, a dog and a pig.

18.-24. (Cancelled)